FUJIFILM ENGINEERING CHANGE NOTICE (FIELD CHANGE NOTICE)

SUBJECT: **Upgrading CL Software to SP1(Base:V4.0(B)) for FCR CR CL**

Design Change Reason	Action	Time frame
☐ Specification/Function Change ☐ Pro-active Improvement ☐ Serviceability ☐ Part Replacement ☒ Corrective Action ☐ Preventive Action ☐ Regulatory Compliance ☐ Other ( )	☐ Mandatory ☒ Recommended ☐ Not required (Information only) ☐ Other ( )	☐ Immediately (by) ☒ Next maintenance ☐ Upon failure ☐ At your convenience ☐ Not Applicable ☐ Other( )

DATE: Jan. 16, 2007 Dept.: *Medical Systems Business Div.*
ORIGINATOR: K.Ikeda EDITED BY: K.Ikeda APPROVED BY: T.Uekusa Tadashi Uekusa
AFFECTED PRODUCTS: *CR-IR348CL*
TOTAL PAGE (S): 8 ATTACHMENT: ☒YES ☐NO
RELATED INFORMATION: NONE

DESCRIPTION OF CHANGE:

The software version SP1(Base:V4.0(B)) for FCR CR CL, including error corrections, is ready to be released.
Error corrections

1. The number and the value of data, sent from Modality LUT, were fixed.
2. A panoramic tomographical image, read from CR-IR356, rotates 180 degrees to be printed out on 8"x10" film. This error was fixed.
3. The mAs value with connecting SIEMENS mammography X-CON was fixed.

- APPLICABLE TO (Serial Nos. etc.) : Software V4.0(B) and V4.0.0001(B) and V4.0.0002(B) and V4.0.0003(B)
- ESTIMATED WORK TIME: 0.4 HOURS
- SPECIAL TOOLS / INSTRUMENTS: ☐YES ☒NO
- SUPPLY OF THE ARTICLES: ☒YES ☐NO
  - IF YES, WHEN: With this ECN
  - NAME / CODE: FCR Console Software-B SP1(Base:V4.0) / 114Y5342596B03(CD-R)
  - QUANTITY: 1 pc / distributor
- RETURN OF THE REPLACED PARTS TO FUJI: ☐YES ☒NO

DOCUMENTS AFFECTED: ☐YES ☒NO

AFFECTED DOCUMENTS	CURRENT		NEW	
	REV	ISSUED DATE	REV	ISSUED DATE

DETAILS:

See the attachment for details

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- NOTE
  1) Important information about SUPPLY OF THE ARTICLES:
     Charge:
     ☒ FREE OF CHARGE UNTIL (mmddyyyy): __
     ☐ WITH YOUR CHARGE

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This document describes the installation and verification of CR-IR348 Application Software-B SP1(Base:V4.0).
It is applicable to the error correction of CR-IR348CL and POCKET id Console.

■ Contents

(1) Product Released

Product name	Target equipment
CR-IR348CLV4.0(B)SP1	Install it on PC where CR-IR348CL V4.0(B) is installed. It is also applicable in case V4.0(B)HotFix0001/0002 is already applied. In this case, no necessary to reinstall HotFix because the contents of V4.0(B)HotFix0001/0002 is succeeded.
POCKET id Console V1.3	POCKET id Console with CR-IR348CL(V4.0).

(2) Error Corrections

[Errors on the market]

No	Error and cause	Correction and extension	How to install
1	When "Auto-distribution Setting" is set as "Automatically distribute images to all attribute whenever an image is read", a message box appears saying unknown error occurs by executing operations as follows. · While inputting an image, read a magnetic card and start a new study. · While inputting an image, start a new study at Patient Information Edit Screen. · While inputting an image, start a new study by pushing the study end button under the settings below. "Setup for starting the next study using the study end button" is set as "Start the study". "Auto-distribution Setting" is set as "Automatically distribute images to all attribute whenever an image is read"	The error has been corrected so that image-input completion and starting study can be done at the same time.	Execute "1) Install ServicePack1 (Base:V4)" in the install menu.
2	When Modality LUT is used and an image is sent to Synapse from the console, the image gets blackened. If Modality LUT is used on QA-WS771, an image is displayed successfully.	The error has been corrected so that LUT is sent with the correct gradation.	
3	When an image (15 x 30cm) is read from CAPSULA and printed out on 8"x10" film with single format, it rotates 180 degrees against that is seen on the monitor.	The rotation process has been corrected so that a panoramic tomographical image from CAPSULA is printed out successfully.	
4	When connecting SIEMENS' mammography X-CON supported by V4.0(B), mAs value, one of exposure result values received from X-CON, becomes the fixed value.	The error has been corrected so that correct mAs value is received.	

No	Error and cause	Correction and extension	How to install
5	POCKET id Console froze up. After software-resetting, a part of study information registered in PDA was lost.	A backup file is created when the PDA application updates the study information file so that previous study information can be secured from the backup file in case of accidents such as freeze-up.	Uninstall PDA application and execute "10) Install POCKET id Console..." in the install menu, and then retransfer the setting file to PDA.
6	PDA misread IP bar code. Due to garbled data, wrong IP bar code No. was registered. RU cannot handle the cassette and image-input is unavailable because the correct IP bar code No. is treated as unregistered.	Set the security level of bar code reader at the highest (read and check data three times). Check a loaded bar code data by check digit of IP bar code data. If misread, it is regarded as an error and the data is discarded without registration (no sound of bar code reading).	

(3) Other changes

No	Error and cause	Correction and extension	Install
1	Change of "Company name" and "CI logo" in response to the company name change as of October 1, 2006.	Change "FUJI PHOTO FILM Co., ltd." to "FUJIFILM Corporation". Change old logo to new one on the screens. DICOM Tag Manufacturer (0008,0070) becomes FUJIFILM Corporation.	Execute "1)Install ServicePack1(Base:V4) " and "20)Install Bitmap Files" in install menu

■ Precautions for installation

Applicable to V4.0/V4.0.0001/V4.0.0002/V4.0.0003

■ Installation procedure

1. Start the PC.
2. Before upgrading the software, verify that there are no patients reserved for exposure (no patients are registered in the Local WL tab). Also, check that no image is left in the QA or Queue tab.
3. Insert "SP1 (Base:V4.0)" CD-ROM to the CD drive.
4. The installation starts automatically and a window below appears.

5. Select "1" to install V4SP1.
6. Install necessary functions in line with the setting of each equipment as follows.

<Do followings for changing the company name and FUJIFILM logo to new ones>

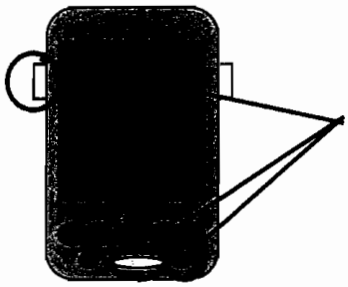
7. Select "20" and "Install Bitmap Files" appears as follows.

8. Select "2" to install bitmap file for hospital.
   Confirm that three opening screens are copied and press enter key.
   Note: "1" (Veterinary Hospital) is applicable only for Japanese version.

< Do followings for installing POCKET id ConsoleV1.3>

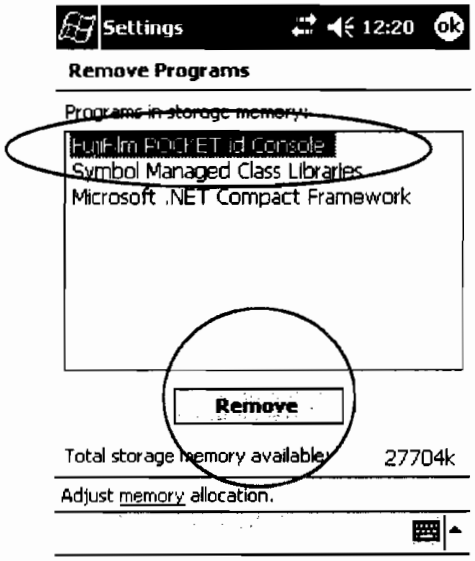
❑ Before installing POCKET id ConsoleV1.3, uninstall POCKET id Console.

9. Delete the application before installing POCKET id ConsoleV1.3.
   Press Enter key and Function key at the same time with holding either side of scan trigger, then release them.
   → PDA is initialized, opening screen appears, and then the desktop appears.

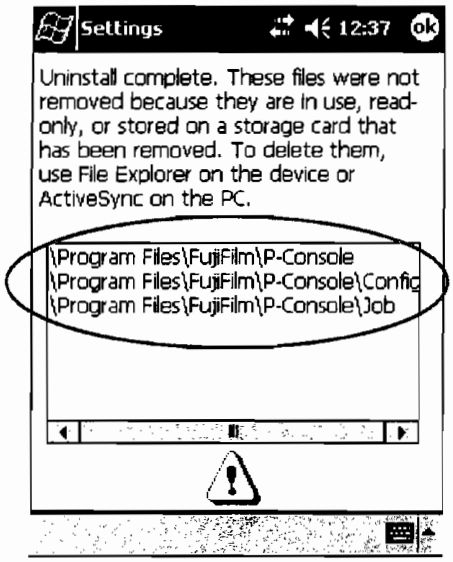


Press them at the same time.

10. Select [Start] → [Settings] → [System] tab, and tap [Remove Programs] icon.
11. Select "FujiFilm POCKET id Console" in the dialog box, and tap [Remove] button.
    After the dialogue box for confirmation appears, tap [Yes].

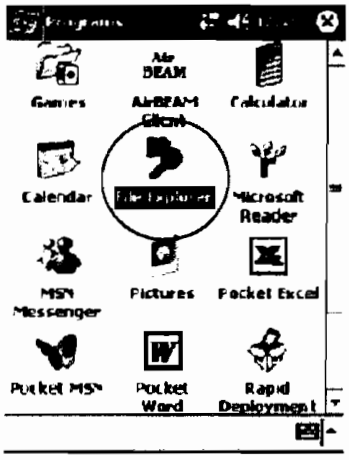


12. If the warning below appears, check the displayed folders (Do not touch the panel, or this window would be disappeared).

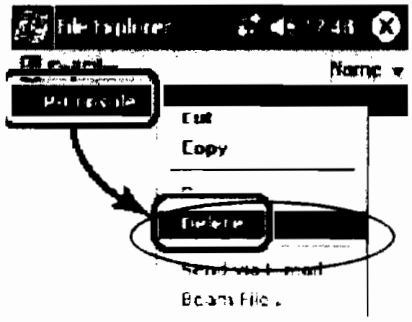

Settings
12:37
ok
Uninstall complete. These files were not removed because they are in use, read-only, or stored on a storage card that has been removed. To delete them, use File Explorer on the device or ActiveSync on the PC.
\Program Files\FujiFilm\P-Console
\Program Files\FujiFilm\P-Console\Config
\Program Files\FujiFilm\P-Console\Job

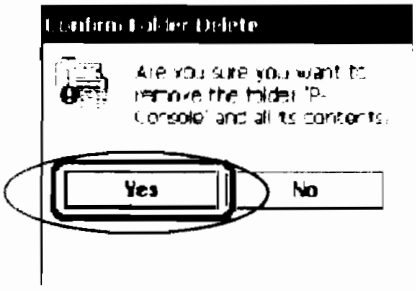
13. To close [Settings] window, tap "X" mark at the upper right corner of the window.
14. Delete folders checked in step 12. (if the warning appears in step 12.); StudyFilePath folder and CustomFilePath folder (if they remain).
    Refer the service utility of the console for the folder paths.
    ServiceUtility → SetupConfigurationItem → SYSTEM CONFIG → CONFIG PDA
    3 StudyFilePath
    4 CustomFilePath

15. Select [Start] → [Programs] → [Explorer].



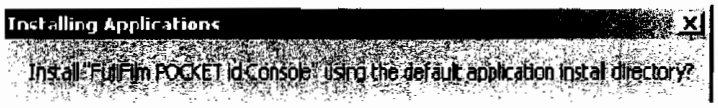
16. Check the target folders or files and select [P-Console] → [Delete] in the menu bar.
    After the dialogue box for confirmation appears, tap [Yes].





17. To close Explorer, tap "X" mark at the upper right corner of the window.
18. Set PDA into the Cradle.
19. After insert SP1(Base:V4.0)CD, select "10" in the Main Menu, and then "Select PDA Type" appears as follows.

20. Select "2" to install English version of Pocket id Console.
    Click [Yes] in the window below.



21. Click [OK] in the window below.

Application Downloading Complete
Please check your mobile device screen to see if additional steps are necessary to complete this installation.

22. Select [Start] → [Programs] tab, and tap [File Explorer] icon.

23. Double-tap "S_UTL.exe" in \Progaram Files\FujiFilm\P-Console\System.
    → The service setting dialogue appears.

24. Tap [Setup].

25. To close the service setting dialogue, tap [OK].

26. Double-tap "P-Console shortcut key" on PDA desktop to start application.

27. Start the Service Utility of the console (click the upper left corner and then the right corner in the initial window).

28. Select [P-Console Setting] → [Transfer of P-Console Configuration Files] to transfer the setting file.
    → The setting information is transferred and PDA application restarts.

29. Start the User Utility of the console (select "User Utility" from the FCR menu after starting the console).

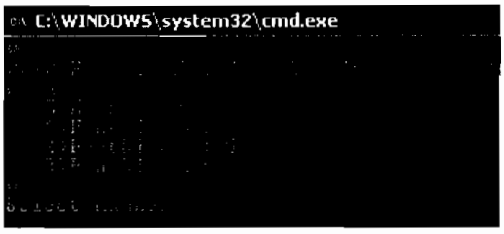
30. Select [P.Console] → [Transfer Technologist Information].
    → The technologist information is transferred and PDA application restarts.

31. Select [P.Console Screen Customize] → [Transfer].
    → The screen setting information is transferred and PDA application restarts.

< Do followings for changing font size of menu name>

❑ Do these procedures after applying V4.0 SP1 (refer the ECN of 2006-E-0179 for details).

32. Select "30" and "FontSizeMenuName Setting" appears as follows.



33. Select a font size for menu name of 15 characters or longer (single-byte) or of 11 or longer (double-byte). For what font size is used, see the table below.

FontSizeMenuName	Font size of menu name
1) Font sizeV4.0	Font size used in V4.0
2) Font sizeV3.0	Font size used in V3.0
3) Middle size	In between V3.0 and V4.0

The sizes above are applicable only to exposure menu name of 15 characters or longer (single-byte) or of 11 or longer (double-byte).

Display examples for "THORACIC SPINE, FRN".

1) "Font size V4.0"

2) "Font size V3.0"

3) "Middle size"

■ Verification

(1) Restart the PC from the Windows Start menu and confirm CL-AP starts.
(2) Confirm that the version display of the lower right corner of the initialization screen is V4.1.
(3) In case of installing POCKET id ConsoleV1.3, start the Service Utility of the console while PDA is in the Cradle, select [P-Console Setting] → [P-Console Version], and confirm V1.3 is displayed.